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PATENT
Attorney Docket No.: JHU1870-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Boeke and Bolton	Art Unit:	1657
Application No.:	10/507,252	Examiner:	Paul C. Martin
Filed:	January 28, 2005	Conf. No.:	9085
Title:	MANGANESE ION REGULATION OF REVERSE TRANSCRIPTASE ACTIVITY AND METHODS OF MODULATING SAME		

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Sir:

Responsive to the Final Office Action mailed June 4, 2008, reconsideration of the application in view of the following remarks is respectfully requested.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 11 of this paper.